

A row of wind turbines in a field at sunset. The sky is a mix of orange, yellow, and brown, with some clouds. The turbines are silhouetted against the bright sky. The ground is dark and appears to be a field.

# Hay Hollow Energy Project

## Special Use Permit Application

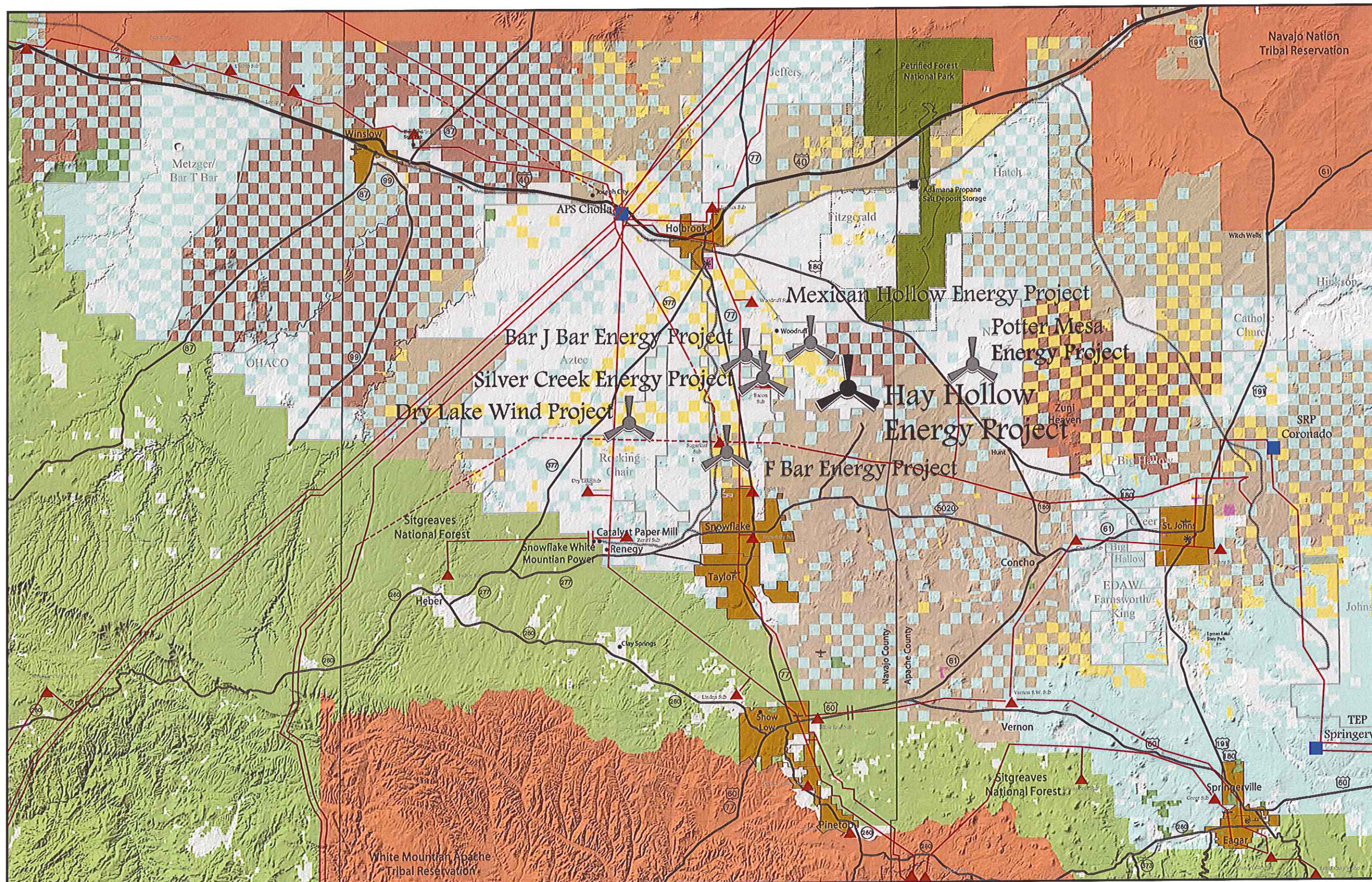
May 08, 2009







# Regional Context



- Energy Project
- Transmission Corridor
- Substation
- Power Plant
- Town Limit
- Tribal Land
- Tribal Land (Fee)
- BLM Land
- State Land
- Other
- Subdivided Land
- Private Land
- National Forest
- Petrified Forest National Park
- Wilderness Area

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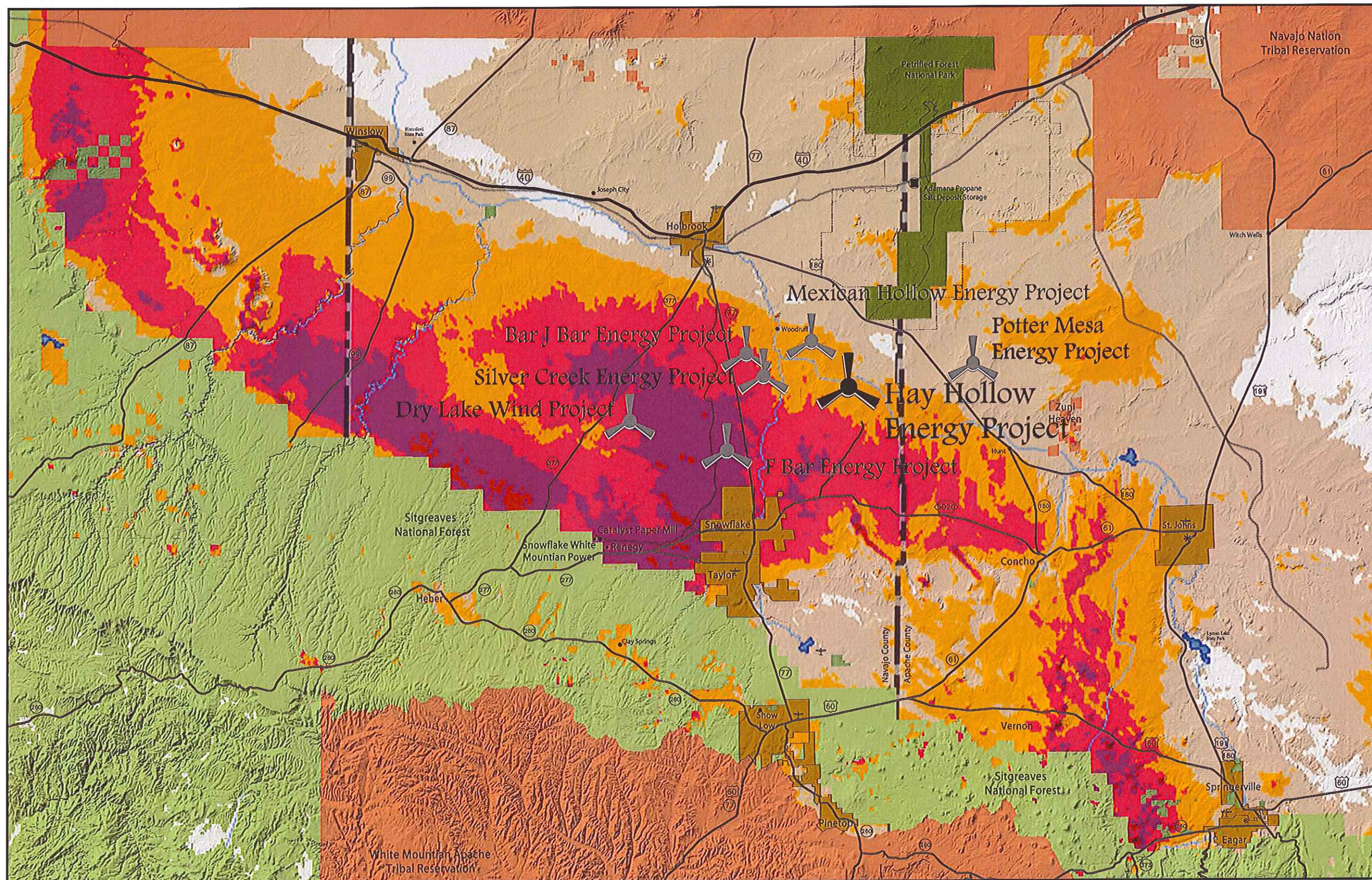
NTS







# 100m Average Annual Wind Resource



## Wind Power Classification

- Poor
- Marginal
- Fair
- Good
- Excellent
- Outstanding
- Superb

(Source: NAU)

- Tribal Land
- National Forest
- Petrified Forest National Park
- Wilderness Area

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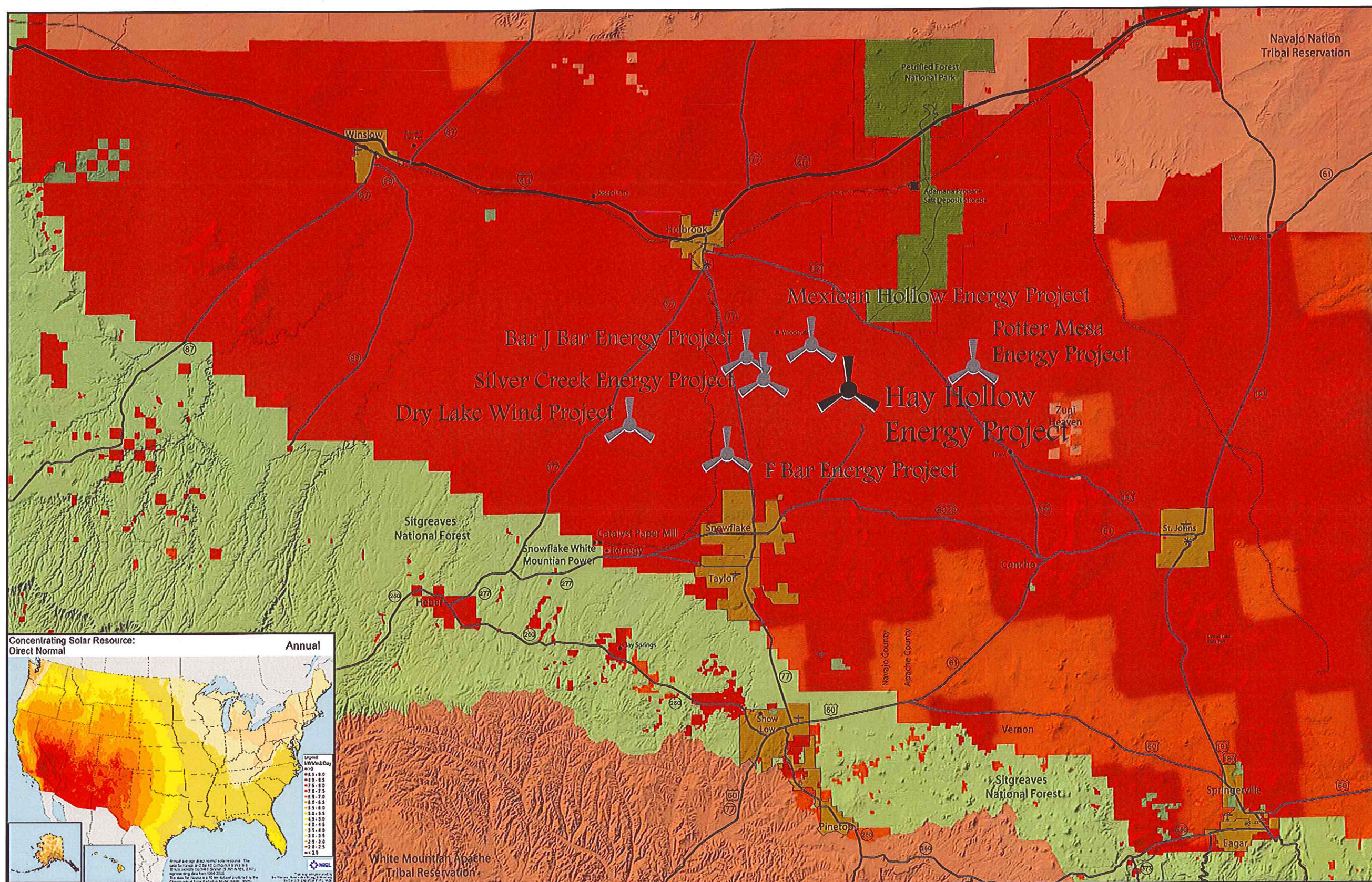
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# Annual Concentrating Solar Resource



kWh/m<sup>2</sup>/Day

6.5 - 7.0

7.0 - 7.5

Source:  
National Renewable  
Energy Laboratory

Tribal Land

National Forest

Petrified Forest  
National Park

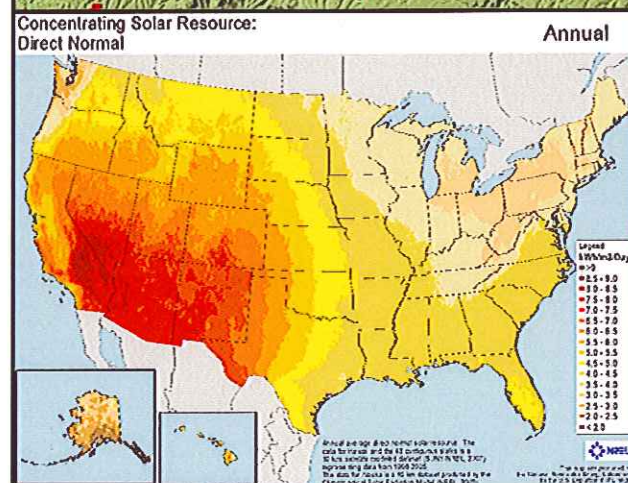
Wilderness Area

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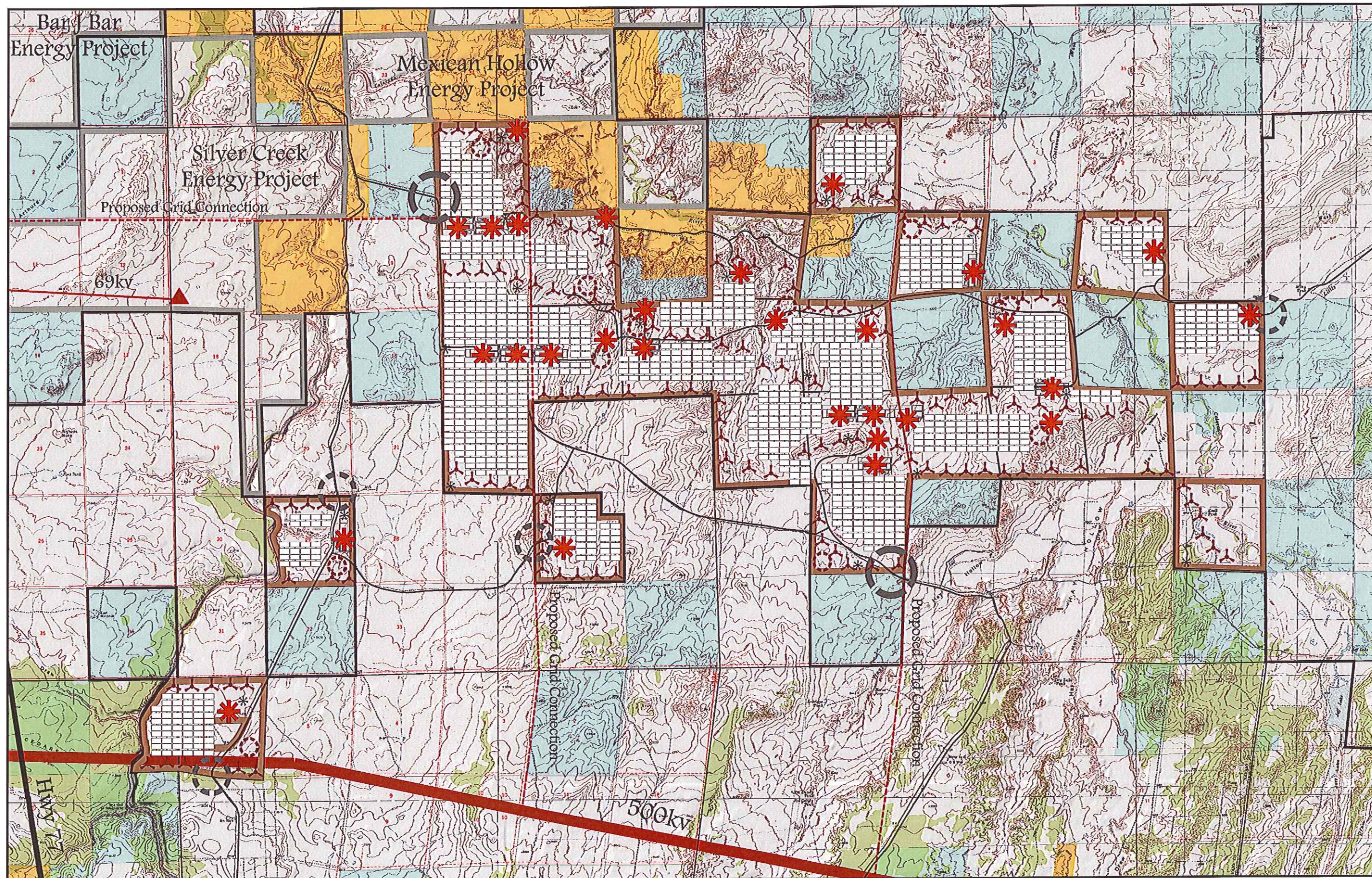
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# Conceptual Site Plan

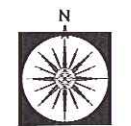


-  Proposed Wind Turbine  
Not to exceed 180 Wind Turbines
-  Concentrating Solar Power  
Mirrors and Towers  
Not to exceed 673 Solar Towers
-  Proposed Met. Tower  
Not to exceed 10
-  100m Tower Buffer
-  Proposed Operation and  
Maintenance Facility  
may include a 2,000 sf - 10,000 sf structure
-  Proposed Staging Area  
may include office facility
-  Primary Access Point
-  Secondary Access Point
-  Service Access  
Access to individual turbines generally to run  
parallel with Collector Line alignments
-  Transmission Line  
(Existing)
-  Bacon Substation

Wind Turbine, Concentrated Solar Power Mirror and Tower, and Met. Tower locations may alter for landforms, soils, rotor spacing, wind resource efficiency, solar resource efficiency, and infrastructure locations and costs. Collector lines between Wind Turbines, Wind Turbine rows, and Concentrated Solar Power will link to substations and transmission lines located on site and connect to the electric grid off site. 8' fence may surround Wind Turbine towers, mirror fields, substations, Operations and Maintenance Facilities, Staging Areas, and may be used to restrict Access Points. Mass grading may be required for installation of infrastructure and energy projects. Service Access may be asphalt, decomposed granite, or gravel. Other materials may be approved by the County.

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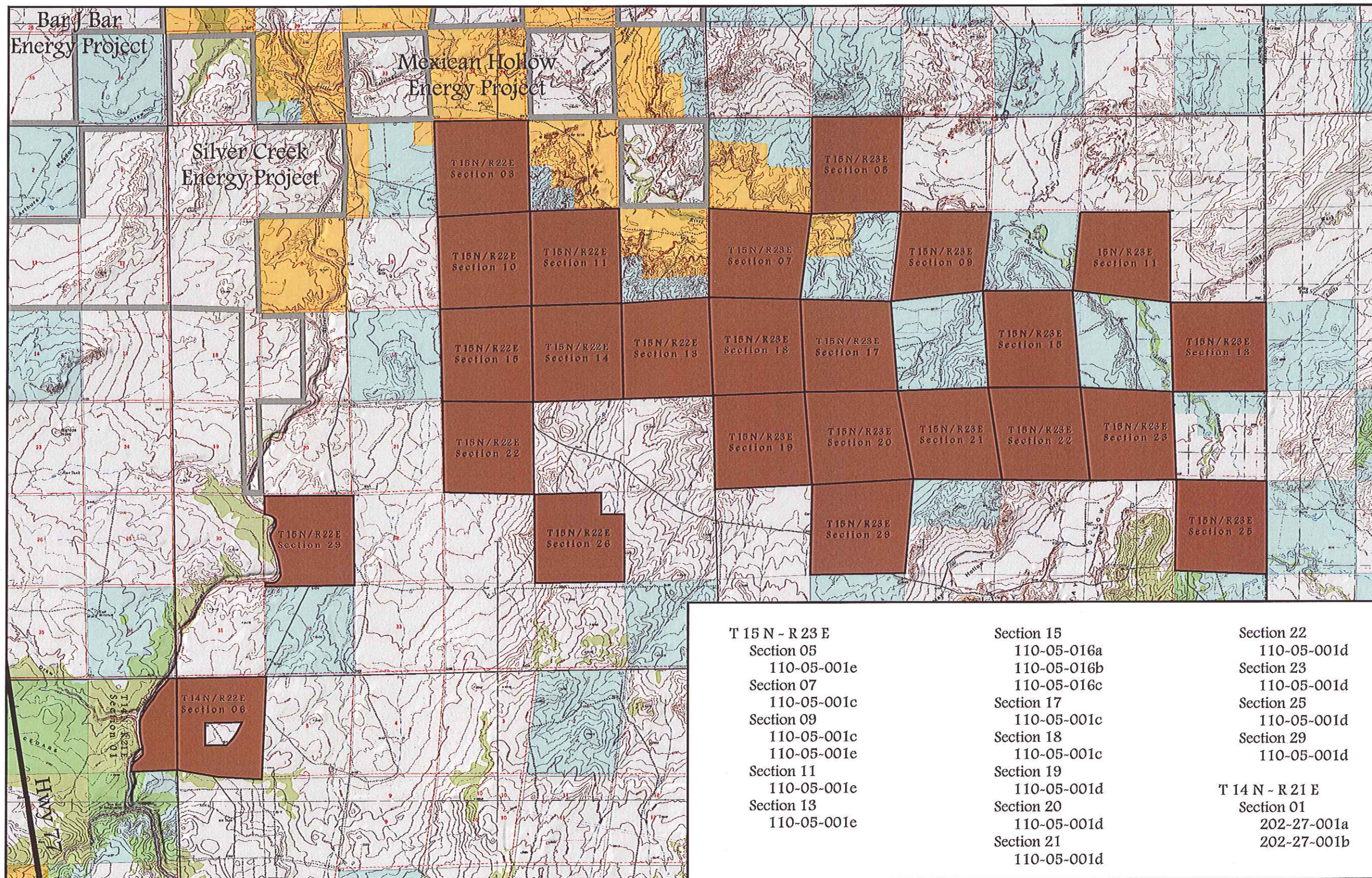
0 2,000 4,000







# Special Use Permit Parcels







For additional information or questions contact

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7 2 7 2 E I N D I A N S C H O O L R D  
S U I T E N U M B E R 4 7 2  
S C O T T S D A L E A R I Z O N A 8 5 2 5 1



W W W . E S P I R I T U L O C I . C O M  
P H O N E 4 8 0 - 4 8 1 - 9 1 0 0  
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